

## Presentation Abstract

Presentation Title	An IV&V Analysts Workbench
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Presentation Abstract	<p>IV&amp;V Analysis revolves around recording detailed assessments of Mission Projects' software and systems at various levels, from requirement, code, or test artifacts, up to concept of operations artifacts. IV&amp;V analysts traditionally use ad hoc spreadsheets to capture and process these detailed assessments, but these tools are inadequate in many ways for enterprise-grade work flow management and support. The IV&amp;V Office's SWAT component (Software Assurance Tools, formerly known as Toolslab) has implemented a new capability for analysts to use in organizing and executing the custom-developed tools needed to support their analysis activities. This capability is referred to as the NASA IV&amp;V Analysis Perspective, and is based upon the eclipse platform's SOA-based workshop paradigm that allows users to work with many different applications as if working with a single product. See how an analyst can review documents; capture the analysis work (assessments), and record observations and issues. Traceability between these various artifacts allows the analyst to navigate the complete analysis picture as it comes available.</p>